



INTEROFFICE CORRESPONDENCE

ORIGINATING OFFICE DOBBS FERRY, N. Y.

TO (LOCATION) NEW YORK

FROM L. B. Post

DATE 3-19-71

ATTENTION D. Greeno

SUBJECT (ZIRCONIUM TETRACHLORIDE)

COPY TO F. A. J. Moss
Central File

Last December we were concerned about an impression that some in the Industrial Chemical Division might have about the 10' dia. reactor producing a make ratio of 0.7, SiCl_4 to ZrCl_4 . Therefore, a meeting was held in the New York office to make certain that it was understood that Research could give no guarantee that the 10' dia. reactor would ever achieve this ratio.

The attached memo is a record of our meeting. Even so, Luckey Heath has stated a more optimistic ratio (1.0) than what may occur as an early limitation for the 10' reactor. The last statement refers to the fact that an outside engineering concern (such as Electromelt Corp.) could not be given the task to design an electrode package for the 10' dia. reactor if we wanted to get close to an April 1st date. We had to do it ourselves.

L. B. Post

LBP:hđ
Attachment

Inter-Office Correspondence

Zr Tet
NEW YORK

Attention: Mr. A. Blackwell

Date: December 17th 1970

CC: Niagara Falls Task Force ✓

From: C. L. Heath

Subject: Metal Chloride
Electrical Reactor

A review of the metal chloride electrical reactor project was held in New York on 12/17/70. In attendance were:

RECEIVED

L. B. Post
A. Skrzec
E. S. Hays
H. J. Laehy
C. L. Heath

Research
Research
Manufacturing
Manufacturing
Planning

DEC 24 1970

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New sales forecasts from Wah Chang for Zr Tet and the indications we have from Cabot for Sil Tet point toward an overall 1.8 - 1.35:1 $\text{SiCl}_4/\text{ZrCl}_4$ ratio for at least the next two years.

The pressure, therefore, to have a demonstrated ability of producing a .7 ratio in the 10' reactor is much less. It was agreed that we would pursue the 10' reactor in the shortest possible time with the understanding that we might not be able immediately to produce the .7 ratio. It is possible that we may be limited perhaps to 1.0:1.0 ratio in the 10' reactor until we can get more experience in the electric reactor operation.

We are still aiming for an April 1st target to put the 10' reactor on stream. Adam Skrzec stated that to do this will require fabrication at the plant.

* *if ever!*

CLH:sg

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Heath
C. L. Heath